

INTERNATIONAL SEARCH REPORT

Inte 1al Application No
PCT/IB2004/052593

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/007

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 02, 5 February 2003 (2003-02-05) & JP 2002 319138 A (RICOH CO LTD), 31 October 2002 (2002-10-31) abstract paragraph '0001! - paragraph '0011! paragraph '0014! - paragraph '0017! paragraph '0032! - paragraph '0049!	1,2,8,11
X	US 5 898 654 A (SHIMADA ET AL) 27 April 1999 (1999-04-27) column 6, line 38 - column 7, line 37 column 8, line 40 - column 9, line 11 column 11, line 1 - column 11, line 37 column 22, line 3 - column 22, line 67 ----- -/--	1,11

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

* Special categories of cited documents.

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

18 May 2005

Date of mailing of the international search report

01/06/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	COENE W M J: "Nonlinear signal-processing model for scalar diffraction in optical recording" APPLIED OPTICS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 42, no. 32, 10 November 2003 (2003-11-10), pages 6525-6535, XP002322900 ISSN: 0003-6935 cited in the application the whole document	1,2,8,11
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Y	US 5 854 779 A (JOHNSON ET AL) 29 December 1998 (1998-12-29) column 3, line 20 - column 3, line 34 column 5, line 10 - column 5, line 62 -----	1,2,8,11
A	IMMINK A H J ET AL: "Signal processing and coding for two-dimensional optical storage" GLOBECOM'03. 2003 - IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE. CONFERENCE PROCEEDINGS. SAN FRANCISCO, DEC. 1 - 5, 2003, IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 7 OF 7, 1 December 2003 (2003-12-01), pages 3904-3908, XP002277239 ISBN: 0-7803-7974-8 the whole document -----	1-11

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US 5898654	A	27-04-1999	JP 8031093 A JP 8045081 A JP 8055341 A	02-02-1996 16-02-1996 27-02-1996
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